



HOLDEN  
FORESTS &  
GARDENS

# Annual Report

2017



“Now that the Holden Arboretum and Cleveland Botanical Garden have joined forces, opportunities have emerged for Holden Forests & Gardens to have an even greater impact on the region. With expertise in horticulture, conservation, environmental research and education, we are a valuable asset to the community.”

— Jill Koski, President and CEO







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# Reforesting the Forest City

Since the 1950s, Cleveland has lost about half of the tree canopy that once gave the community its “Forest City” nickname. In 2017, ambitious plans were announced to increase the tree canopy cover from 19 percent to 30 percent by 2040, with the long-term goal of reaching a 40 percent canopy in the city.


Planting new trees is not just about aesthetics. Cleveland’s trees intercept 1.8 billion gallons of rainwater and remove 830,000 pounds of air pollution each year. Combined with the impact on heating and cooling costs, increased property values and contributions to the improved health of area residents, the current tree canopy provides Cleveland with more than \$28 million in benefits each year. That dollar figure will increase along with tree canopy.

A key leader in this effort, Holden Forests & Gardens (HF&G) is supporting the reforestation efforts in a number of ways. Sandra Albro, an HF&G researcher, is serving as one of the co-chairs of the Cleveland Tree Coalition, which is advocating for the planting of 50,000 trees in Cleveland by 2020. In support of that effort HF&G community forestry staff planted 694 trees in the City of Cleveland in 2017.

Planting new trees is only the first step to ensuring a healthy tree canopy in the city. Once planted, trees need care to ensure that they survive and thrive. To assist in that effort, HF&G is partnering with the Western Reserve Land Conservancy to provide Sherwick Tree Steward Training. During the training citizens learn how to plant, care for and maintain trees, which is critical to the success of the Cleveland Tree Plan. In 2017, 91 new tree stewards were trained through this program.



## 2017 BY THE NUMBERS

Annual Visitors: 388,888   
187,066 @ Cleveland Botanical Garden  
201,822 @ Holden Arboretum

Number of  
Members:  
21,052



New Tree Stewards Trained  
to Care for Those Trees:

91

New Trees  
Planted in the  
Community:  
694



# Planned Giving

## PERENNIAL SOCIETY

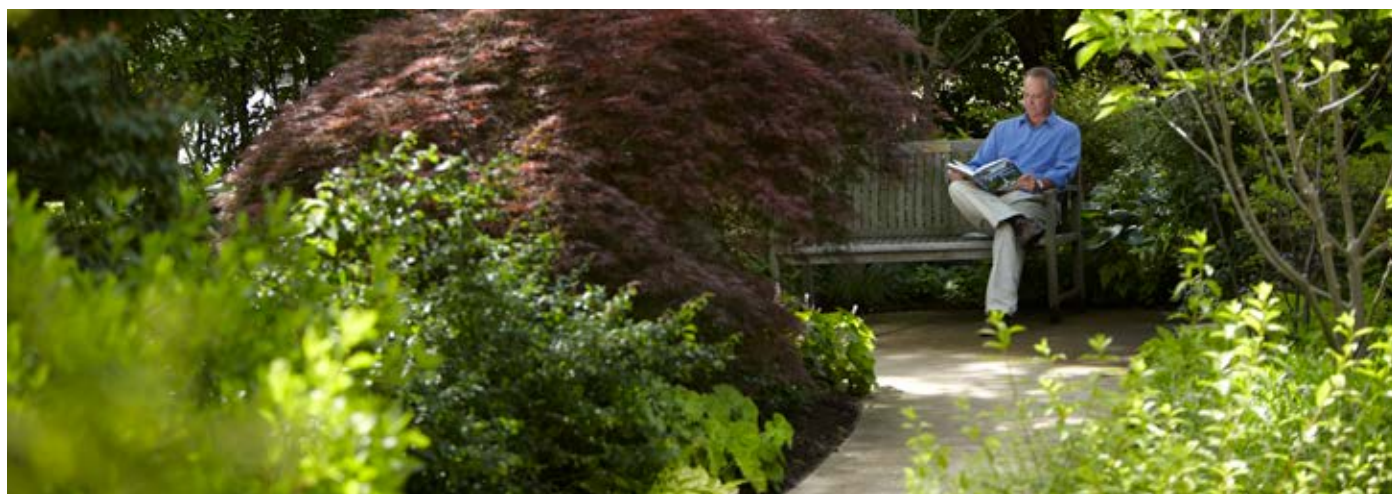
We sincerely appreciate the following members for investing in the Botanical Garden's future through bequests, annuities and other planned gift arrangements:

Anonymous (6)	Stephen G. Lorton
Anne F. Barnes	Margaret B. Marting
Teresa Metcalf Beasley	Elizabeth F. McBride
Lon A. Beck	Robert L. Moncrief
Barbara Becker	Ruth E. and J. Donald Moorhead
Dorothy A. Berlincourt	Donald W. Morrison
Jeffrey M. Biggar	Anthony and Rita Nassif
Elizabeth Billings	Patricia A. and Ernest J. Novak, Jr.
Patricia D. Bonander	Pamela Jacobson Oliva
Pat Brady Baron	Nancy Patrick
Mary A. and Robert E. Cogan	Terry L. Pekarek
Mary F. and William E. Conway	Clara T. Rankin
Janet S. Curry	June M. Russell
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Marjorie M. Drollinger	Barbara B. Scovil
Ruth S. Eppig	Clara DeMallie Sherwin
Jeanette P. Evans	Harriet T. Simon
Lynne R. and John T. Feighan	Deborah A. Smith
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Donna T. and Harry Gazelle, M.D.	Lois C. and Thomas G. Stauffer
Margaret Ann Gudbranson	Theresa V. and
Carmela Guerrero	Arthur P. Steinmetz
Debra Hershey Guren and	M. Jane Suresky
Peter Guren	Joanna Thomas
Nancy L. and Charles	M. Jane Toth
G. Gustafson	William and Judith
Marie Louise	Ann Tucholsky
Gustavsson-Monago	Dorothy Ann Turick
Beverly S. Harris	J. Paxton Van Sweringen
Arlene Monroe Holden	Clare R. Walker
Christa L. Just	Doris H. and Russell J. Warren
Charlotte R. Kramer	Lucy Ireland Weller
Rose M. Kubik	M. Conrad White
Barbara E. Kuby	Marilyn M. Wilde
Carolyn C. Lampl	

## THE ALBERT FAIRCHILD HOLDEN SOCIETY

We sincerely appreciate the following members for investing in the Holden Arboretum's future through bequests, annuities and other planned gift arrangements:

Anonymous (4)	Edward and Linda Karolak
Ian J. Adams	Rose M. Kubik
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Geraldine Atkins	Louise Lister
John Burke and	Bruce A. Loomis
Leslie A. Baeuerlen	Robert and Carol Love
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J. Lynn and Joellen Fordham	Thomas W. Offutt III
Mimi Gale	C. W. Eliot and Linda Paine
Shirley W. Gibson	Ella Quintrell
Sharon and David Graper	Karen L. Roberts
Judith F. Gruber	George M. Rose
Maria Johanna Hall	Mary Ann Sheranko
Susan Hanna	Leila R. Shiozawa
Henry and Robin Hatch	Roberta K. Spurgeon
Annie T. Hitchcock	John Steichen
Mary V. Hoffman	Lorraine S. Szabo
Arlene M. Holden	John and Susan Turben
John M. Hoyes	Ms. Marilyn J. White
Fred and Arlyne Imm	Mrs. Robert Y. White
Katharine Jeffery and	Irene M. Yeran
Alan Farrand	Milford M. Adams
Curt and Norma Jerauld	Margaret M. Aicher
Richard J. Kabat	Janet Aitken





## IN MEMORIUM

We honor these Perennial Society and Albert Fairchild Holden Society members whose foresight has left a legacy of continuing support for Holden Forests & Gardens:

Virginia Albrecht  
Lillian C. Alten  
Elizabeth and  
Raymond Q. Armington  
Louise Bliss Armington  
Phrocine R. Bailey  
Dorothy L. Barry  
Norma E. Battles  
Wilma S. Bemis  
Don A. Berlincourt  
Kate and Warren Bicknell, Jr.  
Virginia R. Billingham  
Anna B. and Alfred C. Body  
Klara Bozler and  
Emil Bozler, Ph.D  
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Betty Dunbar Brien  
Jane Brooke  
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Margie K. Davis  
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Irene E. Manni  
Winfried and Liselotte Martin  
Thomas W. Mastin  
Jean and Robert E. Mathews II  
Marguerite H. McGrath  
Estate of Marjorie Bos Meacham  
Alice Mecredy  
Lester T. Miller  
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Silvia Balslew Page  
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Ruth P. Sears  
Faye Shapero  
Thelma and Daniel J. Shapiro, M.D  
Lee Shiozawa  
David L. Simon  
Leonard and Jean Skeggs  
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Mary Rose Clayton Smith  
Katherine B. Spring  
Eleanor and Andrew Squire  
Sarah A. Stark  
Harrison Stine  
Faith Swanson  
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Nelson S. Talbott



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Barbara Van Sweringen  
Esther Voorhees  
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John and Atheline Wilbur  
Alan H. Wilde, M.D.  
Frances Elizabeth Lambright Wilkinson  
Elizabeth M. Williamson  
Theodore Yocom  
Norman W. Zaworski, M.D.

# Institutional Giving



## **\$100,000 and above**

American Foundation  
The Cleveland Foundation  
The Corning Institute for  
Education & Research  
Cuyahoga Arts and Culture  
The Holden Arboretum Trust  
The Kelvin and  
Eleanor Smith Foundation  
The Kent H. Smith  
Charitable Trust  
The Louise H. &  
David S. Ingalls Foundation  
Paul and Maxine Frohring  
Foundation, Inc.

## **\$50,000 – \$99,999**

Great Lakes Protection Fund  
Raymond Q. & Elizabeth Rieley  
Armington Fund No. 2  
SandFair Foundation

## **\$25,000 – \$49,999**

Arthur and Arlene Holden Fund  
of The Cleveland Foundation  
Charles Stewart  
Mott Foundation  
Green Family Trust  
Gries Family Foundation  
The Hershey Foundation  
Holden Parks Trust  
John P. Murphy Foundation  
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The Sally and Larry Sears Fund  
Stewart and Donna Kohl Fund

Third Federal Foundation  
The Veale Foundation

## **\$10,000 – \$24,999**

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Charitable Gift Fund  
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Arbor Day Foundation  
The Banks Baldwin Foundation  
Bessie Benner Metzenbaum  
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Conservation, Inc.  
Cleveland Indians  
The Cleveland Wire  
Cloth & Mfg. Co.  
Component Repair Technologies  
The Davey Tree Expert Company  
Dominion Foundation  
The George W. Codrington  
Charitable Foundation  
G.W. Fredericks Mechanical LLC  
Heidelberg Distributing Co.  
Hieronymus Family Fund Inc.  
The Higley Fund  
Lake County Visitors Bureau  
Lake Health  
Leonard, Lillian, Faye, Albert B. &  
Audrey G. Ratner DAF  
Lincoln Electric Foundation  
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Charitable Trust  
The Lubrizol Foundation  
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The O'Neill Brothers Foundation

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Renaissance Charitable  
Foundation Inc.  
Sassafras Land Design  
Scholnick Family Foundation  
Susan and John  
Turben Foundation  
Tree Fund  
The Triple T Foundation  
Turner Family Fund

## **\$1,000 – \$4,999**

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The Catherine L. & Edward A.  
Lozick Foundation  
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The Clara T. Rankin  
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Cleveland Metroparks System  
CM Wealth Advisors  
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The C. Walder Parke  
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The Cyrus Eaton Foundation  
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 Helen Greene Perry-E Lee Perry  
 Charitable Trust  
 Home Savings  
 Charitable Foundation  
 Impel Creative, Inc.  
 The Jack Family Charitable Fund  
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 The Peter Hellman Family Fund  
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 Charitable Foundation  
 Plymouth Church of  
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 Morrison Foundation  
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 Siobhan and William Thompson  
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 The S.K. Wellman Foundation  
 St. Clair Advisors  
 University Circle, Incorporated  
 The Victoire G. and Alfred M.  
 Rankin, Jr. Family Charitable  
 Wells Fargo Advisors  
 The Western Reserve Herb











# From Farm to Table in Cleveland's Eastside Neighborhoods

Green Corps, Holden Forests & Gardens urban agriculture work-study program, was created in 1996 to offer high school students the opportunity to learn job and leadership skills while earning a paycheck. Each year, students learn how to grow fresh produce, which is sold at area farmers markets and on-site farm stands. Green Corps students even maintain beds at Cleveland's Progressive Field, which produce fresh vegetables used to create meals for the Cleveland Indians and visiting teams.

In addition to learning new skills, Green Corps students are also enhancing life in the neighborhoods surrounding the farms. Green Corps farm stands have become fixtures in the neighborhoods, with 34 percent of Green Corps total sales taking place at the neighborhood farms in 2017. This is an increase from the 29 percent of total sales at the farm stands in 2016.

The success of the farm stands is due in part to partnerships that have been formed with other agencies, including Ohio's Food Assistance Program. Working with the state program allows members of the community to use the state's EBT card and Produce Perks to purchase food at the farm stands. Other programs designed to foster healthier eating habits, including the Produce Prescription, WIC and Senior Farmers Market

programs, are also accepted at the stands. In 2017, these types of programs generated:

- 50 percent of the sales at the Fairfax farm stand
- 41 percent of sales at the Slavic Village farm stand
- 16 percent of the sales at the Midtown farm stand
- 22 percent of the sales at the Buckeye/Woodland farm stand
- 22 percent of sales at the Tremont Farmers Market
- 11 percent of sales at the Shaker Square Farmers Market

Top selling vegetables included peppers, tomatoes, kale, collards, eggplant, zucchini, onions, apples, broccoli, beets, swish chard and carrots. The result of these efforts is that fresh produce, grown locally by students who live in the community, is making its way into neighborhood kitchens and leading to healthier meals for area residents.

# Gifts in Honor and Memory



**We gratefully recognize the thoughtful contributions of individuals and organizations whose generous gifts honor or commemorate friends and family members during fiscal year 2017 (October 1, 2016 – September 30, 2017):**

Anonymous  
Mr. and Mrs. Thomas W. Adler  
Mr. and Mrs. Lawrence E. Apple  
Audubon Society of  
Greater Cleveland  
Paul and Maryann Barabani  
Ms. Christine Barabani  
Mr. Anthony E. Barabani  
Mr. and Mrs. Dale Barina  
Brian and Rebekah Barsch  
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Mr. Ryan Jamison  
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Ms. Kathleen Betz  
Mr. Geoffrey S. Biegel  
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Mr. and Mrs. Louis J. Bloomfield  
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Bill and Nancy Brewer  
Michael and Shirley Brizz  
Mr. William S. Brooks  
Mr. Winfield Brown  
Mrs. Lorna and Mr. Frank Buck  
Ronald and Mary Jo Burwinkel

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Andrew Minton  
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Mr. and Mrs. David S. Dickenson II  
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Mr. Paul Dougherty  
Mr. Sean Doyle  
Mrs. Kimberly Dunlap  
Ms. Carol A. Edkins  
Ms. Nan Eisenberg  
Fairmount Garden Club  
Family Health International  
Miss Maureen M. Feeney  
Mr. and Mrs. Randy Feldman  
Michael and  
Margaret Gerhardtstein  
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Sarah and Robert Gries  
Fran and David Grossman  
Mrs. Laurence K. Groves

Mrs. Barbara Guay  
Mr. and Mrs. Tom Gunkel  
Mrs. Anne K. Gus  
Mrs. Melinda and  
Mr. David Halliburton  
Rob and San Hammond  
Mr. Edward Hansen  
Lawrence and Linda Hatch  
Mr. and Mrs. Henry R. Hatch  
Mr. Jonathon and Claire Herman  
Mr. and Mrs. John F. Herrick  
Lynn and Karl Hoekstra  
Ms. Sarah Hurt  
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Mr. Frank Jesensek  
Mr. and Mrs. Stephen M. Karaffn  
Audrey Katzman and  
Tim McParland  
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 Ms. Amanda and  
 Ms. Leticia Taft-Pearman  
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 The Marla and Joseph  
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 Ms. Fay Walker  
 Mrs. Marylou Wallenhorst  
 Barbara and Richard Warren  
 Dorothy R. Weckel and  
 Jean A. Retzer  
 Ms. Sharon J. Weeden  
 Mrs. Hannah Weil  
 Linda and Michael Wilson  
 Thea and Peter Zimmerman  
 Mrs. Donna Zoldak-Cook and  
 Mr. Kevin Cook







# Scientists Seek Answers in the Living Laboratories of Holden Forests & Gardens

In September 2017, Holden Forests & Gardens horticulturists planted 500 ash trees at the Ellen Corning Long and T. Dixon Long Center for Plant and Environmental Science in an effort to identify ash trees that are resistant to the emerald ash borer. The project, the latest resulting from an ongoing partnership with researchers from the U.S. Forest Service, will test if trees that survived the infestation of the invasive insect in places like Detroit, did so because they have some resistance to the insect. Trees identified as truly resistant can then be propagated for use in reforestation efforts.

The ash tree project is part of an ongoing effort by Holden Forests & Gardens scientists to find solutions to the threats faced by our native forests. An earlier collaboration with the U.S. Forest Service identified beech trees that showed resistance to beech bark disease, leading to the creation of a beech tree seed orchard that can be used for future reforestation efforts.

HF&G scientists and their partners are also looking at the best practices to follow for reforestation. A continuing project with the Cleveland Metroparks and Case Western Reserve University has transformed a former area golf course into a living lab to test reforestation methods. When the Cleveland Metroparks acquired the former Acacia Golf Course in Beachwood, Ohio, the goal was to convert the facility back into woodlands. The land's history as a golf course meant that great effort had been put into keeping the former fairways clear of trees. That maintenance, which would have included applications of fertilizers and pesticides, resulted in altered soil chemistry and microbial communities, which can have a negative effect

on tree growth. The project offered researchers the opportunity to explore methods of restoring beneficial microbes to the soil and studying the effect those microbes have on plant growth. Over the next few years, HF&G, Metroparks and Case Western Reserve University scientists will monitor tree growth and performance to determine how soil microbes affect trees' establishment in urban, highly disturbed soils. The goal is to be able to refine best practices for forest restoration projects.

While these collaborations are just a part of the work being done by scientists at Holden Forests & Gardens, they demonstrate the power of collaborative partnerships within the research community. HF&G scientists, working in partnership with researchers at other institutions have a greater impact than they would on their own and opens Holden Forests & Gardens natural areas up to visiting researchers as a living lab for the study of ecological issues.



# Affiliate Donors

We gratefully recognize the following affiliate organizations for their fiscal year 2017 (October 1, 2016 – September 30, 2017) financial contributions toward furthering the our mission:

## \$1,000 and above

The Garden Club of Cleveland  
The Hudson Garden Club  
Midwest Cactus &  
Succulent Society  
The Western Reserve  
Herb Society

## \$250 - \$999

Cat's Den Garden Club  
East Shore Garden Club  
Emerald Necklace Garden Club  
Fairmount Garden Club  
Greater Cleveland  
Orchid Society  
The Herb Guild  
Hilltop Garden Club  
Ikebana International,  
Cleveland Chapter #20  
Lakewood Garden Club  
Ohara School of Ikebana,  
Northern Ohio Chapter  
Town and Country Garden  
Club of Cleveland  
Westlake Garden Club  
Wildwood Garden Club

## \$100 - \$249

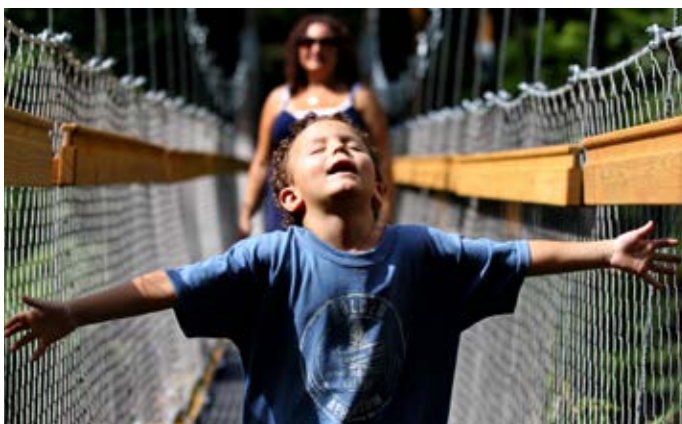
The Akron Garden Club  
Aquilegia Garden Club  
Avon-on-the-Lake Garden Club  
Bay Village Garden Club  
Beach Cliff Garden Club  
The Bedford Garden Club  
The Garden Club of Bentleyville  
Berea Garden Club  
Chippewa Garden Club  
Cleveland Flower Arrangers Guild  
Cleveland Rose Society  
The Gardeners of  
Greater Cleveland  
Concord Garden Club  
Dahlia Society of Ohio  
Fairview Park Garden Club  
Forest City Garden Club  
Fork and Hoe Garden Club  
Four Corners Garden Club  
GardenWalk Cleveland,  
a program of LANDStudio  
The Gates Mills Garden Club  
Highland Heights Garden Club  
Independence Garden Club  
Indoor Gardening Society  
of America

Lake Shore Garden Club  
The Little Gardens Club  
Lyndhurst Garden Club  
Mayfield Village Garden Club  
North Coast Gesneriad Club &  
African Violet Club  
North East Ohio Iris Society  
Northeast Ohio Daylily Society  
Northern Ohio  
Perennials Society  
Olmsted Falls Garden Club  
Ridgewood Garden Club  
of Parma  
Shaker Lakes Garden Club  
Terrace Garden Club  
Village Garden Club

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Mrs. Astri Seidenfeld



# High School Students to Explore Careers in Forestry, Arboriculture and Conservation

High school students thinking about their future careers are being given the opportunity to explore career paths that lead away from the office and into nature. Forest Immersions XP was designed to help students explore potential careers in arboriculture, community forestry and conservation.

Supported with a grant from the Tree Fund of the Ohio Chapter of the International Society of Arboriculture and held in partnership with Red Oak Camp in Kirtland, the hands-on,

overnight experience gives participants the chance to interact with plant care professionals, urban foresters and conservation biologists. The new program also gives the participants a chance to explore the forests of the Holden Arboretum and try out their tree climbing skills. Each student returns home with additional information on the educational pathways needed for these nature-based careers, as well as other career options in the field.





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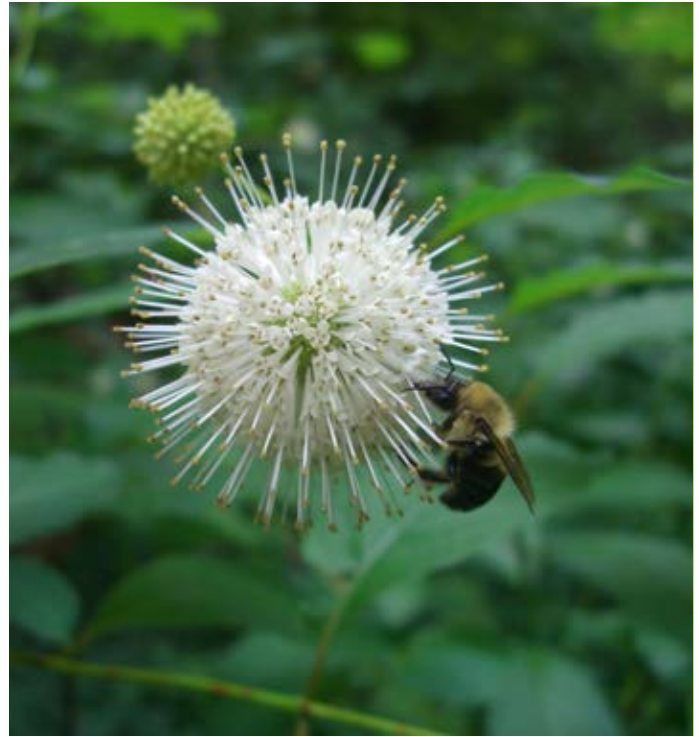
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# Holden Forests & Gardens Financial Report

## OPERATING RESULTS

### SUPPORT & REVENUE

	2017		2016	
	\$	%	\$	%
Contributions	4,473,216	32%	3,721,391	28%
Government Grants	520,951	4%	525,216	4%
Holden Arboretum Trust	4,171,125		4,536,192	
Special Events (Net)	173,629	1%	260,038	2%
Admissions, Courses, Parking, Store and Other	3,246,684	23%	3,305,206	25%
Endowment Income Available for Operations	1,314,000	9%	705,640	5%
Operating Investment Income	199,204	1%	205,218	2%
<b>Total Support &amp; Revenue</b>	<b>14,098,809</b>	<b>100%</b>	<b>13,258,901</b>	<b>100%</b>

### EXPENSES

Comp., Benefits & Staff Development	7,442,169	48%	7,422,706	49%
Maintenance	974,993	6%	1,095,596	7%
Professional Services	1,732,895	11%	1,014,240	7%
Advertising	159,198	1%	192,863	1%
Utilities, Insurance & Real Estate Taxes	924,082	6%	1,039,871	7%
Education, Research, & Membership	1,242,197	8%	1,237,567	8%
Supplies & Postage	148,805	1%	149,631	1%
Depreciation	2,486,687	16%	2,379,047	16%
Technology	27,702	0%	30,752	0%
Projects & Other	459,642	3%	601,684	4%
Interest	-	0%	1,822	0%
<b>Total Expenses</b>	<b>15,598,370</b>	<b>100%</b>	<b>15,165,779</b>	<b>100%</b>
<b>Increase/(Decrease) in Net Assets from Operations</b>	<b>(1,499,561)</b>		<b>(1,906,878)</b>	

### PROGRAM EXPENSES

Horticulture and Conservation	4,234,840	27%	4,179,754	28%
Research	1,635,897	10%	1,519,814	10%
Education	2,451,280	16%	2,392,052	16%
Guest Relations	3,592,231	23%	3,425,185	23%
Facilities, Management and Administrative Overhead	2,364,326	15%	2,493,807	16%
Development	1,319,796	8%	1,155,167	8%
	<b>15,598,370</b>	<b>100%</b>	<b>15,165,779</b>	<b>100%</b>

Data in this reporting format includes the Unrestricted General Fund and the Temporarily Restricted Fund.



# Holden Forests & Gardens Board of Directors\*

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\*As of July 31, 2018



# Thank You to Our Volunteers!

Tim Ahlborn	Mary Jo Deucher	Mary Ellen Klein	Marilyn Raishart	Louise Toutant
Don Allen	Mary Kay Dolesh	Jeanne Knudtsen	Doug Ralston	Joan Trey
Yolanda Anderson	Maxine Donlon	Joseph Koonce	Tod Redding	Cindy Tucker
Hank Andrews	William Donlon	Frank G. Koss	Andrew Reville	Brad Turner
Georgia Anetzberger	Dick Douglas	Enid Kraus	Helen Rhynard	Peter Usayto
Dianne Archer	Vicki Douglas	Christine Lakus	Anthony Robb	Christine Van Dusen
Susan Ash-Sanford	Linda Drake	Robert Leib	Ginny Roedig	Danielle Veon
Donna Atwell	Wallene Ducmanas	Robert Lemmo	Rachel Rouwenhorst	Bob Wagner
Jennifer Ault	Kathleen Dugan	Steve Levitan	Nancy Roy	Mary Ann Wagner
Bob Austin	J.B. Dunn	Bonnie Lias	Denise Ruthenberg	Betty Wallis
Virginia Backus	Namita Durve	Susan Lombardo	Mary Jane Ruttinger	Kay Wellman
Ariel Bacon	Suzanne Earle	Linda Lozzi	Lorri Rzepka	Marilyn White
Leslie Baeuerlen	Katherine Elder	Barbara May	Mary Salomon	David Whittaker
Brian Baird	Carol Farroni	Marcia Mayer	Ryan Samko	Matalie Whittaker
Janis Baker	Darlene Farry	Laurel Mazorow	Tom Sampliner	Lori Whittington
Mariella Banez	Dona Fatibeno	David McGrath	Sue Sande	Linda Wiest
Lynn Bango	Singerman	Sister Pat McHale	Sherry Schmidt	Vanessa Willard
Joan Bania	Rose Ann Forster	Ramesh Mehta	Betty Schmiermund	Leroy Wilson, Jr
Anthony Barabani	Sally Frantz	Philip Mellon	Bob Schmiermund	Kate Witosky
Tom Bartlo	Debra Freeman	Jeanette Metcalf	Franz Schubert	Elaine Wolan
Elaine Bayless	Patti Gabb	Larry Miller	Sherry Schubert	Christina Woodson
Richard Beck	Andrew Gerace	Sally Miller	Brenda Schultz	Annette Yamada
Susan Beck	David Gildersleeve	Barbara Milter	Matias Schwartzman	Valdone Ziedonis
Rylee Beltran	Dave Gilson	Aubrey Mixon	Polly Sems	
Margaret Benic	Meena Gokhale	Michael Mizen	Barbara Shamberger	
Pamela Benko	Amy Goletz	Yvonne Morbitzer	Lynn Shiverick	
Patrick Biliter	Deborah Golias	Kenron Morgan	Devorah Silverman	
Jack Blackwell	Melda Graves	David Morrow	Beth Simon	
Roger Blatnick	Scott Grisso	Donna Nass	Howard Simon	
Joan Braun	Ardeth Gunton	Geoff Navagh	Judi Slack	
Mary Brennan	Elina Gurney	Maria Navas	Renee Slembariski	
Debbie Breslaw	Qaisra Haider	Barbara Nebe	Meghan Slusarski	
McKenzie Brizes	Dale Halliwill	Mary Ann Negenborn	Yvette Slusarski	
Jane Brockway	Ray Halliwill	Clement Nesnadny	Caitlin Smith	
George Brown	Hollis Hamilton	Donna Nicastro	Debbie Smith	
Rich Burand	Albert Hanes	Don Nikolai	Joyce Smith	
Marge Burnett	Susan Hanna	Bob Noland	Lia Smith	
Deb Calvin	Sally Hanrahan	Glenn Novotny	David W. Snyder	
Dorrie Carroll	Carol Harmon	Cindy Oakley	Mary Kay Snyder	
Sue Chalfin	Debbie Haswell	Patricia O'Connor	Helena Souffrant	
Kristy Chambers	Kristie Hawley	Dan O'Donnell	Jan Spalding	
Alice Chessar	Grace Hayes	Colette Ondrake	Sarah Speroff	
Rodrick Chima	Xiaojie (Dora) He	Greg Ondrake	Tom Springer	
John Christie	Constance Herron	Karen Opalka	Mary-Ann Stanky	
Ann Clark	Lillian Houser	Fred Orenics	Maria Stannek	
Maesyn Clarno	Hap Howle	Rebecca Pachlhofer	Eva Stephans	
Sandra Cobb	Jim Hunt	Carol Pae	Marianne Stern	
Lenore Cohn	Mary Hurley	Nancy Pae	Robert Stern	
Sharon Collins	Gale Jacobsohn	Ferole Parmelee	Sue Stromberg	
Judy Conrad	Gloria Jacobson	Allison Patrick	Zita Stungys	
Edith Conzett	Susan Johnson	Jeanne Pearl	Ronald Sulik	
Fred Cooper	Linda Justice	Stuart Pearl	Daysha Sullivan	
Tracy Corso	Donna Kautz	Paulette Peluso	Melissa Sullivan	
Alfred Cowger	Jan Kearney	Donna Petersen	Gary Swinehart	
Kwanita Cox	Jeff Keith	Annette Pizzino	Susan Swisher	
David Cryor	Pat Keith	Nancy Polk	Judy Szabo	
Beverly Dahms	Richard Kennelly	Carol Powers	Ellen Timms	
Deangelo Davis	Donald Killeen	Francis Raishart	Gregory Tomaro	



Department	Hours	Hours Value	Visits	Individual Volunteer Count
<b>Arboretum Education &amp; Community Engagement</b> Tour Guides, School Guides, Library, Tree Tale Tellers, Garden Partners, Habitat Hut	3,408	\$79,508.64	1,243	102
<b>Arboretum Guest Services &amp; Special Events</b> Visitor Center Receptionists, Special Events, Canopy Walk & Tower Interpreters	4,782.05	\$111,565.23	1,323	380
<b>Arboretum Horticulture &amp; Conservation</b> Gardeners, Bluebird & Purple Martin Project, Goose Management, Land Stewardship, Plant Records, Phenology, Arbor Care	4,258	\$99,339.14	1,748	171
<b>Arboretum Lantern Court</b> Private Event Assistants, Jelly Makers	208.25	\$4,858.47	67	15
<b>Arboretum Police Department</b> Trail Monitors & Deer Management	208.25	\$4,858.47	89	13
<b>Botanical Garden Education &amp; Community Engagement</b> School Guides, Hershey Children's Garden, Public Programs, Library, Green Corps, Therapeutic Horticulture, Garden Naturalist, Glasshouse Interpreters, Events	7,118.95	\$166,085.10	1,474	586
<b>Botanical Garden Guest Services &amp; Special Events</b> Glow, Big Spring, Nature Connects, Retail Assistants, Group Tour Guides, Visitor Services Representatives, Gourmets in the Garden, Hoppy Hour, Special Events	5,056.45	\$117,966.98	1,381	364
<b>Botanical Garden Horticulture</b> Gardeners, Glasshouse Horticulture, Animal Care, Plant Documentation	2,512.25	\$58,610.79	796	46
<b>Administration</b> Office Support, Volunteer Orientations, Training, Capacity Building	930.25	\$21,702.73	348	126
<b>Advancement</b> Office Support, Donor & Member Events, Benefit Event, Membership Services	1,556	\$36,301.48	457	82
<b>Governance</b> Board of Trustees	447	\$10,428.51	180	30
<b>Marketing &amp; Communications</b> Photography, Green Team Outreach	287.25	\$6,701.54	95	59
<b>Research</b> Lab Assistant, Vacant to Vibrant	1,082	\$25,243.06	307	14
<b>Grand Total</b>	<b>31,854.7</b>	<b>\$74,3170.14*</b>	<b>9,508</b>	<b>1,392</b>

\*Based on Independent Sector Index of Volunteer Time at \$23.33 per hour in 2017



HOLDEN  
FORESTS &  
GARDENS

**Our Mission:** Advance and inspire a deeper understanding of plants to enhance life.

**Our Vision:** Vibrant green communities and diverse native forests of the Great Lakes region will flourish and sustain life.

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**CLEVELAND BOTANICAL GARDEN**

11030 EAST BLVD, CLEVELAND, OHIO 44106  
216.721.1600 [CBGARDEN.ORG](http://CBGARDEN.ORG)

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**THE HOLDEN ARBORETUM**

9500 SPERRY RD, KIRTLAND, OHIO 44094  
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